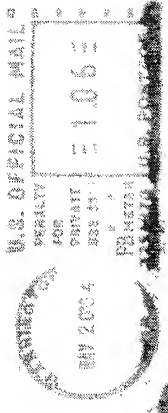
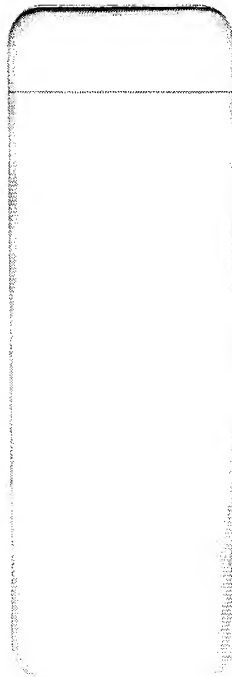


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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/642,272	08/18/2003	1653	1386	58777.000012	23	32	8

CONFIRMATION NO. 3248

HUNTON & WILLIAMS LLP
Suite 1200
1900 K Street, N.W.
Washington, DC 20006-1109

FILING RECEIPT



OC000000012729848

Date Mailed: 05/20/2004

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Applicant(s)

Fumiyuki Hattori, Osaka, JAPAN;
Keijiro Sugimura, Osaka, JAPAN;
Mayumi Furuya, Osaka, JAPAN;

Assignment For Published Patent Application

DAIICHI SUNTORY PHARMA CO., LTD., Tokyo, JAPAN;
DAIICHI SUNTORY BIOMEDICAL RESEARCH, LTD., Osaka, JAPAN;

Domestic Priority data as claimed by applicant

This application is a CON of PCT/JP02/01358 02/18/2001

Foreign Applications

JAPAN 41003/2001 02/16/2001

If Required, Foreign Filing License Granted: 05/20/2004

Projected Publication Date: To Be Determined - pending completion of Sequence Disclosures

Non-Publication Request: No

Early Publication Request: No

Title

Therapeutic methods and agents for diseases associated with decreased expression of AOP-1 gene or AOP-1

Preliminary Class

435

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/642,272	08/18/2003	Fumiyuki Hattori	58777.000012

HUNTON & WILLIAMS LLP
 Suite 1200
 1900 K Street, N.W.
 Washington, DC 20006-1109

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FORMALITIES LETTER



OC000000012729849

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NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

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- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/642,272	08/18/2003	Fumiyuki Hattori	58777.000012

CONFIRMATION NO. 3248

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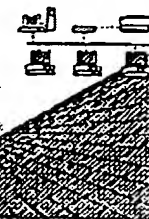
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101642,272
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THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

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Revised 04/24/2003

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

101642,272

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) ~~SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)~~
 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 X Skipped Sequences
 (NEW RULES) Sequence(s) 6 missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



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RAW SEQUENCE LISTING

DATE: 08/28/2003

PATENT APPLICATION: US/10/642,272

TIME: 10:52:52

Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt

Output Set: N:\CRF4\08282003\J642272.raw

3 <110> APPLICANT: Brandt, Kevin S.
 4 Gaines, Patrick J.
 5 Stinchcomb, Dan T.
 6 Wisniewski, Nancy
 8 <120> TITLE OF INVENTION: FLEA HEAD, NERVE CORD, HINDGUT AND MALPIGHIAN TUBULE NUCLEIC
 ACID
 9 MOLECULES, PROTEINS AND USES THEREOF
 11 <130> FILE REFERENCE: FC-8-C2-PCT
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/642,272
 C--> 14 <141> CURRENT FILING DATE: 2003-08-18
 16 <150> PRIOR APPLICATION NUMBER: 60/328,347
 17 <151> PRIOR FILING DATE: 2001-10-10
 19 <160> NUMBER OF SEQ ID NOS: 350
 21 <170> SOFTWARE: PatentIn version 3.2
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 549
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Ctenocephalides felis
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 33 gtaattccag gaggtcgata tggaaaacac aactacaaag gaaaacagcc tgagaaaaat 180
 35 acaatatagg aaccgcggcag ctattaacta ttatgaccac aaagatggag ccaaaatagt 240
 37 taagtcacat cacttcgaat tagattacat gttaggaaga aaaatcacat tcttctgcat 300
 39 ggctcaagga ttaccgcgac cttcaataac ttggtttaag gatggagttg agttatttca 360
 41 tcatcgattt ttccaagttc atgaatggcc atgggaaatg atactttgaa atctaaaatg 420
 43 gaaatcgatc ctacgaccca aaaagatgca ggatattacg aatgctggca gacaatcaat 480
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 60 tgtaattttt atattgtatt tacagtatgt gaaggggttt taggcctttc tatttttagtt 180
 62 gcaataattc cgtactcatg gtaatgatta ttttaaaaga tttaatataa tacaatgtta 240
 64 aaatttttaa taataatatt ttttataatc cctattattt tattaaaaaa ttgttattga 300
 66 ttggttcaaa caatattatt tataatatta tttatttata taattttagg aataaaaaaga 360
 68 attataattg ttaatattag attaaatttt gggttatgata ttatatctta tagattgaat 420
 70 ttattaagga tttgaattat tatttttaata ttaatagcat caattttaat ttataaaaat 480
 72 aattataatt taaattattt ttattattat taatttttta ttattaatat tatttttacc 540
 74 tttagtcat 549

Does Not Comply
 Corrected Diskette Needed

P.3, 6-7

RAW SEQUENCE LISTING

DATE: 08/28/2003

PATENT APPLICATION: US/10/642,272

TIME: 10:52:52

Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt

Output Set: N:\CRF4\08282003\J642272.raw

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 85 <222> LOCATION: (129)..(129)
 86 <223> OTHER INFORMATION: n = unknown at position 129
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 91 <223> OTHER INFORMATION: n = unknown at position 154
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 W--> 113 aagatggtnt tactccatca caaatctggt gttntottaa gggattctca tggggtcgcc 180
 115 caagttcgat ttgtcagtgg caacaaaatc ttgcgtatca tgaaagccat gggagtagcc 240
 117 cctgaattac ctgaagattt atactatttg atcaagaagg ctgtagctat ccgcangcat 300
 119 ttggaaagga accgcnagga caaagacagc aaattccgtt tgattcttga gaatccagaa 360
 121 ttcacagact tgcccgttac tacaaaacaa agagcatctt ggaccaact ggaaatacga 420
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 138 caaatgccat ctgacaaaac tattggaggg ggtgatgact ctttcaaac ctttttcagt 180
 140 gagacagggg caggcaagca tgtgccacga gctgtctttg ttgatttgg accaactgtt 240
 142 gtagatgagg tccgcaactg aacataccgt caattattcc accagaaca actgattact 300
 144 ggcaaggaag atgctgccaa caattatgca cgtgggtcact acacaattgg caaagaaatc 360
 146 gttgatgttg tattggcaga attcgaaatt gctgatcaat gcaactgtctg caaggtttct 420
 148 catttcactc cttggagggg gcaccgggtc ggatcacctc ctgtcatgga cgtctgctgt 480
 150 gctat 485

153 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/642,272

DATE: 08/28/2003

TIME: 10:52:52

Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt

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163 tcatacttaa aatagttacc ctttttaatt ttacagtat ttaaatttaa tagttggtat      180
165 agtattttat aaattttaat ttgaagcatt cttttatagg ttgggaaatt atatttttac      240
167 aaaaaaaaaa aaccgcgtcca attgatttta aacaaaacca taaaaaacta ggtgctatag      300
169 taaacagcat ttgatttgat gtatacattg cattgaaatg agtggagaag caagatgaaa      360
171 gcctatccat taatgactta agacttttta gaaatgtttt atatatacat atgtatgcta      420
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W--> 184 000

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188 <212> TYPE: DNA

189 <213> ORGANISM: Ctenocephalides felis

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193 <221> NAME/KEY: misc_feature

194 <222> LOCATION: (143)..(143)

195 <223> OTHER INFORMATION: n = unknown at position 143

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198 <221> NAME/KEY: misc_feature

199 <222> LOCATION: (167)..(167)

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209 atccgaatat ccgaatat 198

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214 <212> TYPE: DNA

215 <213> ORGANISM: Ctenocephalides felis

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220 <222> LOCATION: (475)..(475)

221 <223> OTHER INFORMATION: n = unknown at position 475

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228 gaatctagcg accatggtga agttactatt acagagatgg agaacggaca ccaacagcaa 180

230 ggtggcgagt acaccaaggc catgaacaag gactggcact ctggtcactt ctgctgctgg 240

delete, see item 8
in error summary
sheet.

RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/642,272

TIME: 10:52:52

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Output Set: N:\CRF4\08282003\J642272.raw

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234 atcaagtgct acgagagcgt cttttccaac acctgcgagg aatgcagcaa gatcattggc 360
236 attgattcca aggacttatc ttacaaagaa aagcattggc atgaggcatg tttcttgtgc 420
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249 aaggatggag tcaactgtagc gaagggtatt gatctcaagg acaaatttca gaatattggg 60
251 gccaaattag tccaagatgt agctaataac accaatgaag aagctggtga tgggtactact 120
253 actgctactg tgcttgccag agctattgca aaggaaggct ttgaaaaaat atctaaagga 180
255 gcaaatccca ttgaaatcag acgaggtggt atgctggctg ttgatgcagt caaagaatct 240
257 ttgaaaggaa tgtcgaagcc tggtactacc cggaggaaa ttgcacaagt tgctaccatt 300
259 tctgccaatg gagacaaagc tattggaaaa ttgatctcag atgcaatgaa gcgtgttgga 360
261 aaggaagggt taataacggt taaagatgga aaaactttac atgatgaact tgaggtcatt 420
263 gagggcatga agtttgatag aggatcattt caccttactt tatgaattcc agcaaagggtg 480
265 ctaaagtaga attccaagat ccttattttg tcagtgcaca aaaatactca gtcaagcata 540
267 ttctgcttg 549
270 <210> SEQ ID NO: 10
271 <211> LENGTH: 549
272 <212> TYPE: DNA
273 <213> ORGANISM: Ctenocephalides felis
276 <220> FEATURE:
277 <221> NAME/KEY: misc_feature
278 <222> LOCATION: (207)..(207)
279 <223> OTHER INFORMATION: n = unknown at position 207
281 <220> FEATURE:
282 <221> NAME/KEY: misc_feature
283 <222> LOCATION: (513)..(513)
284 <223> OTHER INFORMATION: n = unknown at position 513
286 <220> FEATURE:
287 <221> NAME/KEY: misc_feature
288 <222> LOCATION: (515)..(515)
289 <223> OTHER INFORMATION: n = unknown at position 515
291 <400> SEQUENCE: 10
292 acgccaggct atgcttcaag ccaccaagga tgccaacaag aagggcccca acttcaccat 60
294 caccaaaaag gacagcaact tcaacatgtc ttctgccccaa attgaaagaa acaagaccaa 120
296 ggaacaattg gaagaggaaa agaaaatttc tctgtccttc cgtatcaagc ctctggatat 180
W--> 298 cgaatctctt agcgttgaaa aactcanaca aaaggccaat gaactttggg aatgcacgt 240
300 caagttggaa actgagaaat acgatctgga ggaacgccaa aaacgccagg actacgatct 300
302 taaagaattg aaagaaaggc agaaacaaca actcagacac aaagcattga agaaaggatt 360
304 ggatccagaa gccctcacag gaaaatccca cccaaaatcc aagtcgctcc aaatatgaga 420
306 gacgtgtcgc acaagatcat atgatgataa gaaaaaatta tttgaaggcg gttcgcatat 480
308 tgtctctgaa gtaatgaaaa gtctggaaca gcntncaact attcagaaac gtagtaaact 540
310 agcttctaa 549
313 <210> SEQ ID NO: 11
314 <211> LENGTH: 87

```

RAW SEQUENCE LISTING

DATE: 08/28/2003

PATENT APPLICATION: US/10/642,272

TIME: 10:52:52

Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt

Output Set: N:\CRF4\08282003\J642272.raw

```

315 <212> TYPE: DNA
316 <213> ORGANISM: Ctenocephalides felis
318 <400> SEQUENCE: 11
319 aatttccagc gcgctcagta ccaccacgtc gagacgatca accgatgcgc ctttcgaacc 60
321 ccagtttagcg tactgggttg cgctgat 87
324 <210> SEQ ID NO: 12
325 <211> LENGTH: 268
326 <212> TYPE: DNA
327 <213> ORGANISM: Ctenocephalides felis
330 <220> FEATURE:
331 <221> NAME/KEY: misc_feature
332 <222> LOCATION: (30)..(31)
333 <223> OTHER INFORMATION: n = unknown at positions 30 and 31
335 <400> SEQUENCE: 12
W--> 336 acggtttaca ccctagtcgc gcctaaagan nttttattta aaaacaaatt gtattacttt 60
338 taacaagttt ctctacaaat ttgagaaaac catgttgat ttttaactac tagtgtaata 120
340 tttttgttaa aatatattat tttgtctgt cccaaacgaa tgattttcct gcggccctgc 180
342 ctgttgacaga tattcctaca caggttatta taagtcacgc tgtttgcgcg ccgtagcaat 240
344 tacgcgcccc gttcgcgccg ttcgttgt 268
347 <210> SEQ ID NO: 13
348 <211> LENGTH: 436
349 <212> TYPE: DNA
350 <213> ORGANISM: Ctenocephalides felis
352 <400> SEQUENCE: 13
353 attttaaatt ttttataaaa ataattttta aaattataaa aaatatgaaa taatgattaa 60
355 attagtataa tataatttat tgataatatt aaattgtag gtttatttaa ggaattcggc 120
357 aaatataata ttcacctgtt taacaaaaac atgtcttttt gaaaataata taaagtctaa 180
359 tetgcccatt gaagatttaa aaggccgcag taatttgact gtgcaaagg agcataatca 240
361 atagtttttt aattgaaagc tggaatgaat gattgaatga aatattaact gtcttaataa 300
363 aattgttata gaatttaatt tttatgttaa aaagcgtaaa tattattaaa ggacgagaag 360
365 accctttaaa gttttatata taaatataga ttattttaag aatattatta aatttattta 420
367 tattaatata tttatt 436
370 <210> SEQ ID NO: 14
371 <211> LENGTH: 324
372 <212> TYPE: DNA
373 <213> ORGANISM: Ctenocephalides felis
375 <400> SEQUENCE: 14
376 accttgaata gtaataatta tctctttcag gacccccatt tcgaatcaat attataatta 60
378 aaccttctac tttcagtgct gatgtatcct ttatctatat atatgcaatt agcaattgta 120
380 taatttatat ataaatgtgt atactttcgt aggttatggt agcgcatctt cacattatcc 180
382 aattttaagt tcacaaaagt ctctaagtga agtcgtgtct tgtgtgtttc gtagagaatt 240
384 tagtcggaca attgtaaaat gtcaaataga cttgtaaaag acaaagttat gtagtggttc 300
386 taaagtagtg atattgtgtc gagt 324
389 <210> SEQ ID NO: 15
390 <211> LENGTH: 391
391 <212> TYPE: DNA
392 <213> ORGANISM: Ctenocephalides felis
395 <220> FEATURE:
396 <221> NAME/KEY: misc_feature

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/642,272

DATE: 08/28/2003
TIME: 10:52:53

Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt
Output Set: N:\CRF4\08282003\J642272.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 129,154,296,316,475
Seq#:7; N Pos. 143,167
Seq#:8; N Pos. 475
Seq#:10; N Pos. 207,513,515
Seq#:12; N Pos. 30,31
Seq#:15; N Pos. 385
Seq#:16; N Pos. 100,123,132,162,178,182,184,248,286,342,403
Seq#:17; N Pos. 399,448,462,486
Seq#:24; N Pos. 230,334,394,459
Seq#:26; N Pos. 403
Seq#:27; N Pos. 445
Seq#:28; N Pos. 422,479,520
Seq#:29; N Pos. 185,258,283
Seq#:31; N Pos. 2,216,332,406,463,467
Seq#:33; N Pos. 344
Seq#:34; N Pos. 403
Seq#:36; N Pos. 445,451
Seq#:38; N Pos. 286
Seq#:39; N Pos. 426
Seq#:45; N Pos. 488
Seq#:54; N Pos. 581
Seq#:57; N Pos. 496
Seq#:59; N Pos. 61,69
Seq#:60; N Pos. 62
Seq#:62; N Pos. 194,248,279
Seq#:63; N Pos. 5,15,16,20,24,29,31,43,48,55,127
Seq#:65; N Pos. 4,12,19,22,41,74,82,107,216,252,298,450
Seq#:67; N Pos. 30,73
Seq#:70; N Pos. 49,71
Seq#:71; N Pos. 207,227,304
Seq#:74; N Pos. 108,284
Seq#:75; N Pos. 108,284
Seq#:76; N Pos. 39,61,182
Seq#:77; N Pos. 436,442
Seq#:78; N Pos. 13,67
Seq#:79; N Pos. 55
Seq#:81; N Pos. 11,28,31,72,74,105,128,170,424,457,490
Seq#:83; N Pos. 205
Seq#:84; N Pos. 4,35,156,181,233
Seq#:85; N Pos. 19
Seq#:88; N Pos. 59,365,404,456
Seq#:89; N Pos. 24,50,92,282
Seq#:90; N Pos. 28,66,73
Seq#:91; N Pos. 46,208,223,234,289

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/642,272

DATE: 08/28/2003
TIME: 10:52:53

Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt
Output Set: N:\CRF4\08282003\J642272.raw

Seq#:92; N Pos. 49,59,61,68
Seq#:94; N Pos. 58,243
Seq#:95; N Pos. 38,129,134,164,188,230,239,289,303,307,349,417,419
Seq#:96; N Pos. 493
Seq#:97; N Pos. 30,63
Seq#:98; N Pos. 36,40
Seq#:99; N Pos. 23,24

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/642,272

DATE: 08/28/2003

TIME: 10:52:53

Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt

Output Set: N:\CRF4\08282003\J642272.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
 L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:120
 M:341 Repeated in SeqNo=3
 L:184 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (6) SEQUENCE:
 L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:120
 L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:420
 L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:180
 M:341 Repeated in SeqNo=10
 L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
 L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:360
 L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:60
 M:341 Repeated in SeqNo=16
 L:534 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:360
 M:341 Repeated in SeqNo=17
 L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:180
 M:341 Repeated in SeqNo=24
 L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
 L:779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:420
 L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:420
 M:341 Repeated in SeqNo=28
 L:855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:180
 M:341 Repeated in SeqNo=29
 L:912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
 M:341 Repeated in SeqNo=31
 L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:300
 L:1009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:360
 L:1066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:420
 L:1075 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (37) SEQUENCE:
 L:1097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:240
 L:1132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:420
 L:1266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:480
 L:1471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:540
 L:1583 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (56) SEQUENCE:
 L:1613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:480
 L:1650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:60
 L:1677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:60
 L:1731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:180
 M:341 Repeated in SeqNo=62
 L:1795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
 M:341 Repeated in SeqNo=63
 L:1894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
 M:341 Repeated in SeqNo=65
 L:1941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0
 M:341 Repeated in SeqNo=67
 L:2017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
 M:341 Repeated in SeqNo=70
 L:2052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:180

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/642,272

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Input Set : C:\CRF4\Datahold\FC-8-C2-PCT.txt

Output Set: N:\CRF4\08282003\J642272.raw

M:341 Repeated in SeqNo=71

L:2112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:60

M:341 Repeated in SeqNo=74

L:2142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:60

M:341 Repeated in SeqNo=75

L:2175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0

M:341 Repeated in SeqNo=76

L:3752 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (124) SEQUENCE:

L:4040 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (134) SEQUENCE:

L:4861 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (164) SEQUENCE:

L:7893 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (257) SEQUENCE: